DVD-PORTABLE-9
User Manual

Please read carefully before use

LASER

DVD-PORTABLE-9 User Manual

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DVD-PORTABLE-9 User Manual

INTRODUCTION

Thank you for purchasing the LASER Portable DVD player. Before operating this device please be sure to read through this manual and keep it for future reference.

KEY FEATURES

- High clarity, high brightness LCD Display with 180 degree swivel
- 3.5mm Earphone socket
- Audio and Video out jacks (via 3.5mm plug)
- Inbuilt stereo Dual speakers
- USB, SD/MMC/MS slots for expandability.
- On screen display menu
- Full function remote control
- PAL/NTSC multi zone incl. multi region compatible
- Power: from vehicle (12vDC) or home (240vAC)

WHATS IN THE BOX

1. User Manual.
2. Remote Control (with battery)
3. AV connection cable (Composite video & L/R audio to 3.5mm)
4. 240v.AC Power Adapter (home)
5. 12v.DC Power Adapter (car)
6. Portable DVD player (7" or 9" version)

SAFETY GUIDELINES

1 Environment:

- Avoid contact with moisture or extreme heat.
- Do not leave product in direct sun light for more than 1 hour.
- Avoid Magnetic and Dusty environments
- Where possible, use the product on a stable surface.
- There are no serviceable parts so do not disassemble the device.
- Avoid liquids and flammable material
- Ensure adequate ventilation

2 Clean the machine:

- Please ensure the device is powered off before cleaning.
- Do not use any chemicals or cleaning agents to clean the device.
- Use a slightly damp cloth to clean the outside of the device only.

3 Care of CD's/DVD's:

- Do not place disks near heat sources such as direct sunlight or high humidity areas.
- Stack disks on top of each other, in the same way.
- Do not touch the disk surface, hold the disc by the edges.
- Do not use adhesive tape on the disk surface.
- Wipe the disk from inside to outside with a soft cloth.
- Do not use gasoline, non-disc special cleaning agents or antistatic spay to clean the disc because these substances will cause damage.

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REMOTE CONTROL
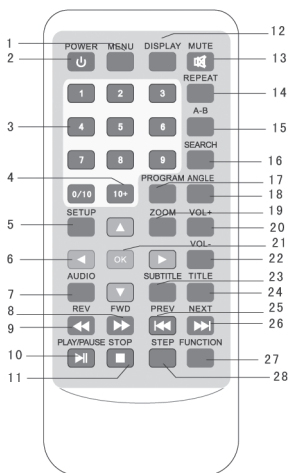
1   Menu
2   Power
3   Number
4   10+
5   DVD Setup
6   Up/Down//Left/Right
7   Audio
8   FWD
9   REW
10 Play/Pause
11 Stop
12 Display
13 Mute
14 Repeat
15 A-B Repeat
16 Search
17 Program
18 Angle
19 Zoom
20 Vol+
21 Confirm
22 Vol-
23 Subtitle
24 Title
25 Prev
26 Next
27 Function
28 Step

KEY FUNCTIONS

Note: Some buttons are only on the remote control and not on the DVD player.

Power
Switch ON/OFF

DVD/SD/USB
Press this button to cycle between optical disk (CD/DVD), Card Reader/ USB. Press the arrow key to choose the source and then press the CONFIRM button to read

Setup
Press this button once to enter the main setup menu

1 2 3 4 5 6 7 8 9 0
The Numerical keypad is used to select the chapter and song

Confirm/OK
Press this button to confirm selection of the highlighted item

Press the arrow button to move the cursor

REPEAT
Press this button to replay a selection from the beginning (once that selection has reached the end)

A-B
Press this button to mark A point, and then press the button again to mark point B, the player will play the content between A and B repeatedly. Press the button again to cancel
Note: point A and B should be in the same title or the same song.

Press this button to skip to previous chapter or track.

Press this button to skip to next chapter or track.

Press this button to play or resume play from FWD, REV, SLOW

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KEY FUNCTIONS

Press this button to pause, press again to cancel or press [▶] to resume to play

Press this button to stop playback

Program This button is used to program your favourite songs or chapters when playing a VCD, CD or DVD disc

Press this button to fast forward or rewind. FWD or RWD Speeds are 2X, 4X,8X,16X and 32X.

SEARCH Press this button to select a title, chapter, track, title time,chapter time or tracking time

MUTE Press this button to mute the sound output. Press again to recover the sound output.

VOL+/- Press [VOL+] to increase sound, Press [VOL-] to reduce sound.

AUDIO Select audio language (if alternate languages exist on your DVD disc)

DVD TITLE Press this button to return to the DVD disc main menu

DISPLAY Press this button to show disc information.

ZOOM Press this button to magnify the view on the screen. Zoom levels of 2x to 4x are available.

POWER AND CONNECTIVITY

Recharge

A Lithium Ion (Li-Ion) battery is used in this device. Li-Ion batteries can typically be charged at any time without the effect of "battery memory", thereby increasing the life and effectiveness of the battery.

When properly connected to an AVC (240v) wall socket, the unit will typically take approximately six hours to reach full charge. Depending on usage, two hours of run time can be expected from a full charge.

For faster charging, it is advisable to switch off the power on the unit whilst charging. Whilst charging the LED indicator light will be red in colour. When fully charged, the LED will turn green.

Tips for ensuring long life Batteries

1. Ensure the device is in a working temperature: 0-45^{0}C.
2. Unplug the power plug when not in use
3. Some heat will be generated during playback which is normal.
4. Avoid moist or wet environments.

AV out (3.5mm to RCA cable)

This device can output Video (composite) and audio (Left/Right stereo) from the 3.5mm output jack). Typical connections are to a TV/ Monitor/Reciever/Amplifer with RCA AV (Yellow; Red; White RCA type inputs)

Audio/Video
IN PUT   TV
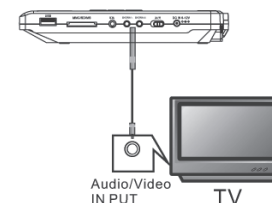
Optional (on some models only)

On specific models, a coaxial digital audio output jack is supplied for connection to a 3.5mm optical to SPDIF optical. (cable not provided). The output via SPDIF can connect to a suitable receiver/amplifier/TV or other surround sound device.

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MENU OPTIONS

On screen display Menu:

- Press the [SETUP] button on the remote control or the device to enter the setup menu
- Press the LEFT/RIGHT and UP/DOWN arrow buttons to navigate around the menu interface.
- Press [CONFIRM] or [OK] to confirm the highlighted selection.
- Press SET again to exit the menu

Setting Page:

1 General Settings Page

Angle (available only on Multi Angle Capable DVD discs)
- Angle Open: The viewing angle icon will be displayed on screen.
- Angle Closed: The viewing angle icon will not be displayed on screen:

Screen display language: Choose your on screen language (English is default)

Subtitle (available only on Subtitle Capable DVD discs)
   ON: Subtitles are displayed at the bottom of the screen
   OFF: No subtitles are displayed
   Note: This function is suitable to the disc with closed captioning.

Screen Saver
   ON: a Moving image will be displayed on the screen if the device is inactive for more than 5 minutes.
   OFF: The screensaver feature is turned off.

Last memory setting
   ON: Allows playback to resume at the point when the device was last stopped or shut down
   OFF: The last memory feature is turned off.

2 Audio Setup

Ch speaker setup.
- Channel
   RIGHT/LEFT Channel: Mixes a 5.1ch audio signal to 2 audio channels and then outputs to the left and right speakers.
   Stereo: Outputs a stereo signal to the left and right speakers

MENU OPTIONS

SPDIF Setup (on devices equiped with SPDIF)
- SPDIF Output.
   SPDIF/CLOSE: No digital audio is output, only analog is output.
   PCM: (Pulse Code Modulation) – two channel stereo in digital format - suitable for AV recievers capable of decoding audio output in PCM mode (check with your amplifier).

Dolby Setup.
- DUAL MONO.
   Stereo: Left/Right channel audio will be played back by the Left/Right speakers.
   Left Channel: Playback of Left channel audio only.
   Right Channel: Playback of Right channel audio only.
   Mixed Channel: Both Left/Right channels are mixed to one mono channel.
- Dynamic Range Compression:
   Use this mode to level all sound channels (say 5.1) to ensure even sound levels

3 Video setup

Use to set up the screen settings:
- Sharpness: Select from High, Middle or Low sharpness settings.
   Use Left/Right arrow buttons to select the option. Press confirm when done

4 Setup

You can choose this setting when the device has NO DISC, or playback has STOPPED.
- Sound, Subtitle and Language: In the Setup menu, you can choose the default settings of the sound, subtitles and menu language
- Parental controls lockout: The setting allows PLAYBACK to be restricted via password. The default password is 136900. Note: This function will only work if the disc contains a parental control lockout.
- Factory Setting: Enable this to return the unit to the default (out of the box setting)

5 Password Setting

- Password format: You can set the password function to "on" or "off".
   Note: You have to input the correct password to change the password setting. The default password is 136900 or 1389.
- Password: This function allows you to re-set a new password
   ote: The default password 136900 or 1389 which is valid regardless of any new password set (over ride)

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CONTENT PLAYBACK

Ensure the device is turned on and a disk/USB/SD/MMC source is inserted.

To play the disc:

- Connect the power and turn the side Power switch to "on".
- Press [▲] to open the lid on the top load disc tray and insert a disc.
- Close the lid of the disc tray. The device will read the disc contents automatically.

To Play MP3/MPEG4 content:

- MP3/MPEG4 content will be displayed on the screen after you insert the media (disk/USB/ memory card).
- Press the [**UP/DOWN**] Arrow keys to select the file or folder.
- Press [**OK**] or [**CONFIRM**] to enter the selected folder and display the folder contents.
- Press [**OK**] or [**CONFIRM**] to play the selected file.
- Press **LEFT** to return to previous menu.

To view an image from a disc:

- Insert an image compatible disc
- Press [■] to display the disc content.
- Press the **UP/DOWN** Arrow button to select one picture, and then press [**Confirm**] or [▶]- the device will play the disc from the selected picture.
- [**GOTO**]: Press the Goto button and select the picture by number, the device will play the disc from the selected picture.
- [▌▌]: Press this key one time to pause the disc,
- Press this key a second time or [▶] to play the disc.
- [▶]: Press this key to play disc or resume play.
- [**Repeat**]: Press this key to repeat the selection.
- [◄◄]/[▶▶]: Press this key to skip to previous/next picture.
- The **LEFT/RIGHT** button in Remote control: Press the **RIGHT** button to turn the picture clockwise, press the **LEFT** button to turn the picture counterclockwise.
- [**Zoom**] : Press this button to zoom in/ zoom out/resume the picture size. The arrow keys will be used to remove the picture when the picture is zoomed in.

CONTENT PLAYBACK

Play content from a USB device or SD/MMC/MC memory Card:

- Plug in the USB device noting correct orientaition. Press [DVD/SD/USB], then choose USB to select the content..
- Insert a SD/MMC/MS memory card to the SD/MMC/MS interface. Press [DVD/SD/USB] and select SD to play memory card.

Play back of DIVX content:

- The DIVX format is capable of holding high quality video and sound in a highly compressed file format. File types such as .AVI are typically able to hold more data in a smaller file:

1.5 hours file	MPEG-12 Format	DIVX Format
DVD(MPEG-2)	About 1.5-2GB	About600-800MB
VCD(MPEG-1)	About 800MB- 1 G	About 200-300 MB

- Comparing MPEG-1, MPEG-2 and MPEG-4

	MPEG-1	MPEG-2	MPEG-4
Speed(kb/s)	1380kb/s (352x288)	6500kb/s (720x576)	880kb/s (720x576)
Video quality	Good	Excellent	Perfect
Hardware requirement	Low	Middle	High

However depending on how the file was encoded, compatibility may still be an issue with certain types of DivX or MP4 type files.

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TECHNICAL SPECIFICATIONS

Formats Supported:	DVD/VCD/CD/MP3/MPEG4/DIVX
Signal Format:	PAL/NTSC (or auto detect)
Screen Size:	7 Inch (or 9 inch)
Frequency range:	20Hz-20KHz
Video Output:	1Vp-p75 Ohm Unbalanced
Audio Output:	1.4Vrms/10 K ohm
Dynamic Range:	≥ 85dB
Laser:	semiconductor laser, wavelength: 650mm/ 795mm
Power supply:	DC 9-12V
Power Consumption:	10W
Working temperature:	5-40 ºC
Battery:	Li Ion Battery (replaceable)

For Warranty or service details please visit:
www.laserco.net or phone 1300 988 004

TROUBLE SHOOTING

Problem	Cause	Solution
No Power	Power adapter is not securely connected to the device or the power outlet	Ensure the plugs are firmly seated jack and the electrical outlet
No sound	Volume level is at it's lowest setting	Press VOL+ to increase the sound
	"Mute" is on	Press MUTE to toggle off/on
	REW/FWD	Press PLAY or PLAY/PAUSE to resume playback
	Sound is only from the headphones	Main speaker sound will resume if the headphones are disconnected
Can' t play the disc	The Disc is upside down	Insert the disk with the label up
	Dirty Disc	Clean the disc with a soft DRY cloth from the inside out
	Disc is not compatible	Check the file formats/content
Remote control is not responding	No signal	Point the front of the remote at the device
	The distance between remote control and the device is too far	Stay within 6 metres of the device
	The battery is flat	Replace the battery with the correct model.

9" Widescreen LCD
Portable DVD Player

For technical support please visit
www.LaserCo.com.au